

APPENDIX 1

What is claimed:

Claim 1 (Previously Presented): A matting agent composition comprising silica and wax wherein the composition has a median particle size in the range of 2 to about 5 microns, a wax content in the range of about 18 to 30% by weight of the silica and the silica has a pore volume in the range of about 0.8 to 1.4 cc/g.

Claim 2 (Original): A matting agent composition according to claim 1 wherein the wax content is about 18-22% by weight.

Claim 3 (Original): A matting agent composition according to claim 1 wherein the wax has a melting point in the range of 60-120°C.

Claim 4 (Original): A matting agent composition according to claim 1 wherein the wax has a melting point in the range of 60-90°C.

Claim 5 (Original): A matting agent composition according to claim 3 wherein the wax is paraffin and has a melting point in the range of 60-90°C.

Claim 6 (Canceled)

Claim 7 (Canceled)

Claim 8 (Original): A matting agent composition according to claim 1 wherein the silica has a pore volume in the range of about 0.9 to about 1.2 cc/g.

Claim 9 (Original): A matting agent composition according to claim 2 wherein the silica has a pore volume in the range of about 0.9 to about 1.2 cc/g.

Claim 10 (Canceled).

Claim 11 (Canceled).

Claim 12 (Canceled).

Claim 13 (Canceled).

Claim 14 (Canceled).

Claim 15 (Canceled).

Claim 16 (Canceled).

Claim 17 (Canceled).

Claim 18 (Canceled).

Claim 19 (Canceled).

Claim 20 (Previously Presented): A coating composition comprising a radiation curable component and a matting agent component, the matting agent component having a median particle size in the range of 2-12 microns, a wax content in the range of about 18 to 30% by weight of the silica and a silica having a pore volume in the range of about 0.8 to 1.4 cc/g.

Claim 21 (Original): A coating composition according to claim 20 wherein the wax content is about 18-22% by weight.

Claim 22 (Original): A coating composition according to claim 20 wherein the wax has a melting point in the range of 60-120°C.

Claim 23 (Original): A coating composition according to claim 20 wherein the wax has a melting point in the range of 60-90°C.

Claim 24 (Original): A coating composition according to claim 20 wherein the median particle size of the matting agent component is about 2 to 5 microns.

Claim 25 (Original): A coating composition according to claim 20 wherein the silica has a pore volume in the range of about 0.9 to about 1.2 cc/g.

Claim 26 (Canceled).

Claim 27 (Original): A coating composition according to claim 20 wherein the radiation curable component is curable by exposure to ultraviolet radiation.

Claim 28 (Original): A coating composition according to claim 20 wherein the radiation curable component is curable by electron beam radiation.

Claim 29 (Original): A coating composition according to claim 20 further comprising a curing initiator.

Claim 30 (Original): A coating composition according to claim 20 wherein the radiation curable component comprises at least one acrylate-containing compound and the coating composition comprises 2% by weight or less of matting agent component.

Claim 31 (Currently Amended): A substrate comprising a cured coating thereon, said coating comprising a radiation curable component and matting agent component, the matting agent component having a median particle size in the range of 2-12 microns, a wax content in the range of about 18 to 30% by weight

of the silica and a silica having a pore volume in the range of about 0.8 to 1.4 cc/g.

Claim 32 (Currently Amended): A substrate according to claim 31, wherein the coating has a matting efficiency of about 20 gloss units or less at 60°.

Claim 33 (Currently Amended): A coated substrate comprising a substrate and coating thereon prepared by curing a composition comprising amine-modified polyether acrylate and about 12% by weight wax-containing silica matting agent component or less and the coating has a matting efficiency of about 60 gloss units or less at 60°.

Claim 34 (Previously Presented): A coating composition comprising a radiation curable component and a matting agent component, the matting agent component having a median particle size in the range of 2-12 microns, a wax content in the range of about 15 to 30% by weight of the silica and a silica having a pore volume in the range of about 0.8 to 1.4 cc/g wherein the radiation curable component comprises at least one acrylate-containing compound.

Claim 35 (Original): A coating composition according to claim 34 wherein the radiation curable component is curable by exposure to ultraviolet radiation.

Claim 36 (Original): A coating composition according to claim 34 wherein the radiation curable component is curable by electron beam reaction.

Claim 37 (Original): A coating composition according to claim 34 further comprising a curing initiator.

Claim 38 (Original): A coating composition according to claim 34 wherein the radiation curable component comprises at least one acrylate-containing

compound and the coating composition comprises 2% by weight or less of matting agent component.

Claim 39 (Original): A coated substrate comprising a substrate and a coating thereon prepared from a composition according to claim 34.

Claim 40 (Previously Presented): A coated substrate comprising a substrate and a coating thereon prepared from a composition of claim 34 and the coating has a matting efficiency of about 20 gloss units or less at 60°.

Claim 41 (Canceled).

Claim 42 (Currently Amended): A matting agent composition according to claim 20 wherein the median particle size of the composition is about 6 microns.

Claim 43 (Currently Amended): A matting agent composition according to claim 34 wherein the median particle size of the composition is about 6 microns.